

PROPOSED CLAIMS

U.S. Patent Application Serial No. 09/488,976

Attorney Shapiro:

This is the last version of claims 1, 2, 4, 5, 9, 10, 12, 13, 17, 18, 20, 21 and 31, which will be in the Examiner Amendment. The other claims 3, 6-8, 11, 14-16, 19, 22-24 and 32 are as-is as in the Claims filed on 02/06/07. Would you please review and double check for any errors.

Thank you.

Hung Pham

571-272-4040

1(Currently amended). A computer-implemented method for adding user-provided content to a user-defined web-based content object being one of a book, a collection of images, an album, a video and a multimedia object and stored as a plurality of content entities in a data repository, comprising the steps of:

defining the web-based content object by a list of content entity identifiers, wherein each content entity identifier identifies a corresponding content entity in the data repository selected by a user for inclusion in the web-based content object ~~and including from~~ pre-existing material;

receiving content from the user via a web user interface for inclusion in the defined web-based content object, wherein the user-provided content is custom content for the defined web-based content object that is supplied by the user and unavailable from the pre-existing material stored within the data repository;

assigning the user-provided content a title and an a content entity identifier, and storing the user-provided content with the assigned title and content entity identifier in the data repository, wherein the assigned content entity identifier includes a sequence number; and

adding the assigned title and content entity identifier of the user-provided content to the list of content entity identifiers, whereby the user-provided content is added to the web-based content object.

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2(Currently amended). The computer-implemented method of claim 1, further comprising the step of receiving a user-provided location for inserting the content entity identifier of the user-provided content into the web-based content object, and inserting the content entity identifier into the list at that location.

4(Currently amended). ~~A computer implemented method for adding user provided content to a user defined hierarchically structured web based content object being one of a book, a collection of images, an album, a video and a multimedia object and stored as a plurality of content entities in a data repository, comprising the steps of:~~

~~defining the web based content object by a~~

The computer-implemented method of claim 1, wherein said list includes a hierarchical outline of containers and content entity identifiers, wherein each content entity identifier identifies a corresponding content entity in the data repository selected by a user for inclusion in the web based content object and including from pre-existing material, and wherein each container represents an outline hierarchical tier and includes at least one content entity identifier forming a subordinate outline hierarchical tier;

~~receiving content from the user via a web user interface for inclusion in the defined web based content object, wherein the user provided content is custom content for the defined web based content object that is supplied by the user and unavailable from the pre-existing material stored within the data repository;~~

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~~assigning the user-provided content an identifier, and storing the user-provided content with the assigned identifier in the data repository; and~~

~~adding the identifier of the user-provided content to the hierarchical outline of containers and content entity identifiers, thereby adding the user-provided content to the web-based content object.~~

5(Currently amended). The computer-implemented method of claim 4, further comprising the step of receiving a user-provided location for inserting the content entity identifier of the user-provided content into the web-based content object, and inserting the content entity identifier into the hierarchical outline of containers at that location.

9(Currently amended). A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform method steps for adding user-provided content to a user-defined web-based content object being one of a book, a collection of images, an album, a video and a multimedia object and stored as a plurality of content entities in a data repository, the method comprising the steps of:

defining the web-based content object by a list of content entity identifiers, wherein each content entity identifier identifies a corresponding content entity in the data repository selected by a user for inclusion in the web-based content object ~~and including from~~ pre-existing material;

receiving content from the user via a web user interface for inclusion in the defined web-based content object, wherein the user-provided content is custom content for the defined web-

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based content object that is supplied by the user and unavailable from the pre-existing material stored within the data repository;

assigning the user-provided content a title and an a content entity identifier, and storing the user-provided content with the assigned title and content entity identifier in the data repository, wherein the assigned content entity identifier includes a sequence number; and

adding the assigned title and content entity identifier of the user-provided content to the list of content entity identifiers, whereby the user-provided content is added to the web-based content object.

10(Currently amended). The program storage device of claim 9, wherein said method further comprises the step of receiving a user-provided location for inserting the content entity identifier of the user-provided content into the web-based content object, and inserting the content entity identifier into the list at that location.

12(Currently amended). ~~A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform method steps for adding user-provided content to a user-defined hierarchically structured web-based content object being one of a book, a collection of images, an album, a video and a multimedia object and stored as a plurality of content entities in a data repository, the method comprising the steps of:~~

~~defining the web-based content object by a~~

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The program storage device of claim 9, wherein said list includes a hierarchical outline of containers and content entity identifiers, wherein each content entity identifier identifies a corresponding content entity in the data repository selected by a user for inclusion in the web-based content object and including pre-existing material, and wherein each container represents an outline hierarchical tier and includes at least one content entity identifier forming a subordinate outline hierarchical tier;

receiving content from the user via a web user interface for inclusion in the defined web-based content object, wherein the user provided content is custom content for the defined web-based content object that is supplied by the user and unavailable from the pre-existing material stored within the data repository;

assigning the user provided content an identifier, and storing the user provided content with the assigned identifier in the data repository; and

adding the identifier of the user provided content to the hierarchical outline of containers and content entity identifiers, thereby adding the user provided content to the web-based content object.

13(Currently amended). The program storage device of claim 12, wherein said method further comprises the step of receiving a user-provided location for inserting the content entity identifier of the user-provided content into the web-based content object, and inserting the content entity identifier into the hierarchical outline of containers at that location.

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17(Currently amended). A system for adding user-provided content to a user-defined web-based content object being one of a book, a collection of images, an album, a video and a multimedia object and stored as a plurality of content entities in a data repository, comprising:

a computer system interfacing with the data repository;

means for defining the web-based content object by a list of content entity identifiers, wherein each content entity identifier identifies a corresponding content entity in the data repository selected by a user for inclusion in the web-based content object ~~and including from~~ pre-existing material;

means for receiving content from the user via a web user interface for inclusion in the defined web-based content object, wherein the user-provided content is custom content for the defined web-based content object that is supplied by the user and unavailable from the pre-existing material stored within the data repository;

means for assigning the user-provided content a title and an a content entity identifier, and for storing the user-provided content with the assigned title and content entity identifier in the data repository, wherein the assigned content entity identifier includes a sequence number; and

means for adding the assigned title and content entity identifier of the user-provided content to the list of content entity identifiers, whereby the user-provided content is added to the web-based content object.

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18 (Currently amended). The system of claim 17, further comprising means for receiving a user-provided location for inserting the content entity identifier of the user-provided content into the web-based content object, and means for inserting the content entity identifier into the list at that location.

~~20(Currently amended). A system for adding user provided content to a user defined hierarchically structured web-based content object being one of a book, a collection of images, an album, a video and a multimedia object and stored as a plurality of content entities in a data repository, comprising:~~

~~means for defining the web-based content object by a~~

The system of claim 17, wherein said list includes a hierarchical outline of containers and content entity identifiers, wherein each content entity identifier identifies a corresponding content entity in the data repository selected by a user for inclusion in the web-based content object and including pre-existing material; and wherein each container represents an outline hierarchical tier and includes at least one content entity identifier forming a subordinate outline hierarchical tier;

~~means for receiving content from the user via a web user interface for inclusion in the defined web-based content object, wherein the user-provided content is custom content for the defined web-based content object that is supplied by the user and unavailable from the pre-existing material stored within the data repository;~~

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~~means for assigning the user provided content an identifier, and for storing the user provided content with the assigned identifier in the data repository; and~~

~~means for adding the identifier of the user provided content to the hierarchical outline of containers and content entity identifiers, thereby adding the user provided content to the web-based content object.~~

21(Currently amended). The system of claim 20, further comprising means for receiving a user-provided location for inserting the content entity identifier of the user-provided content into the web-based content object, and means for inserting the content entity identifier into the hierarchical outline of containers at that location.

31(Currently amended). A computer-implemented method for adding user-provided content to a user-defined web-based custom content object being one of a book, a collection of images, an album, a video and a multimedia object and stored as a plurality of content entities in a digital library having a library server, and one or more object servers, the method comprising the steps of:

defining the web-based custom content object by a list of content entity identifiers, wherein each content entity identifier identifies a corresponding content entity in the digital library selected by a user for inclusion in the web-based custom content object ~~and including~~ from pre-existing material;

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receiving content from the user via a web user interface for inclusion in the defined web-based custom content object, wherein the user-provided content is custom content for the defined web-based custom content object that is supplied by the user and unavailable from the pre-existing material stored within the digital library;

assigning the user-provided content a title and an a content entity identifier, and storing the user-provided content with the assigned title and content entity identifier in one or more object servers, wherein the assigned content entity identifier includes a sequence number; and

adding the assigned title and content entity identifier of the user-provided content to the list of content entity identifiers, whereby the user-provided content is added to the web-based custom content object;

storing said web-based custom content object in said one or more object servers; and

storing information specifying the web-based custom content object and attribute information concerning the web-based custom content object in the library server.